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WELSH STATUTORY INSTRUMENTS

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**2018 No. 647**

**The Water Supply (Water Quality) Regulations 2018**

**PART 8**

Water Treatment

**Disinfection and other treatment arrangements**

**26.**—(1) Unless the conditions in paragraph (5) are satisfied, before supplying water for regulation 4(1) purposes, a water undertaker or supplementary licensee must—

- (a) disinfect the water; and
- (b) where necessary, subject the water to sufficient preliminary treatment to prepare it for disinfection.

(2) A water undertaker or supplementary licensee must—

- (a) design, operate and maintain the disinfection process so as to keep the presence of disinfection by-products as low as possible without compromising the effectiveness of the disinfection; and
- (b) verify the effectiveness of the disinfection process.

(3) Paragraph (4) applies when any property, organism or substance is present in a water source at a level that may constitute a potential danger to human health.

(4) Unless the conditions in paragraph (5) are satisfied, before supplying water for regulation 4(1) purposes using water from any source, a water undertaker or supplementary licensee must design and continuously operate an adequate treatment process for water from the source.

(5) The conditions are that the water undertaker or supplementary licensee —

- (a) must supply water from the treatment works as a matter of urgency in order to prevent an unexpected interruption in piped supply to customers; and
- (b) before the supply is made, has taken all necessary steps to inform consumers that the water is not disinfected or adequately treated.

(6) For the purposes of this regulation—

- (a) “adequate treatment process” means a process of blending or purification treatment which—
  - (i) Removes; or
  - (ii) renders harmless the value or concentration of, any property of, organism or substance in, water, so that supplies do not constitute a potential danger to human health;
- (b) “sufficient preliminary treatment” means the treatment necessary—
  - (i) to remove, or to reduce the value or concentration of, any property or substance which would interfere with disinfection; and
  - (ii) to reduce turbidity to less than one NTU; and

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**Changes to legislation:** There are currently no known outstanding effects for the The Water Supply (Water Quality) Regulations 2018, Section 26. (See end of Document for details)

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(c) water is supplied for regulation 4(1) purposes when it leaves a treatment works.

**Changes to legislation:**

There are currently no known outstanding effects for the The Water Supply (Water Quality) Regulations 2018, Section 26.